



Adopted by South Carolina Budget and Control Board, June 14, 2005

Rate Schedule for Disposal of Non-Atlantic Compact Waste Effective July 1, 2005

1. BASE CHARGE. The minimum base disposal charge is \$1,500 per shipment.

A. Weight/Density Charge

lbs per cubic foot =>	\$ per pound	Lbs per cubic foot =>	\$ per pound	lbs per cubic foot =>	\$ per pound	lbs per cubic foot =>	\$ per pound
140	\$5.016	70	\$6.395	40	\$9.923	16	\$19.845
120	\$5.127	65	\$6.725	35	10.474	14	\$24.255
100	\$5.292	60	\$7.166	30	\$11.025	12	\$28.665
90	\$5.457	55	\$8.048	25	\$13.230	10	\$35.280
80	\$5.623	50	\$8.820	20	\$14.884	8	\$44.100
75	\$5.733	45	\$9.371	18	\$16.813	*6	\$60.638

* Less than 6 lbs per cubic foot: upon request.

B. Dose Rate Multiplier on Weight/Density Charge (1.A.) above

Dose Level	Multiplier on Base Disposal Charge
0 mR/hr - 1R/hr	1.00
>1R/hr - 2R/hr	1.08
>2R/hr - 3R/hr	1.17
>3R/hr - 4R/hr	1.22
>4R/hr - 5R/hr	1.27
>5R/hr - 10R/hr	1.32
>10R/hr - 25R/hr	1.37
>25R/hr - 50R/hr	1.42
>50R/hr	1.48

2. SURCHARGES (where applicable)

A. Millicurie surcharges See Note E under Section 4, below.

- i. Basic Millicurie charge for all shipments equal to or greater than 100 millicuries:
\$.419 per mci, up to 400,000 millicuries
- ii. Excess Millicurie charge per shipment (for shipments in excess of 400,000 millicuries):
\$.001 x Total Millicuries, in addition to Basic Millicurie charge

B. Biological Waste: \$1.189 per pound

C. Irradiated Hardware (see Note C in Section 4 below): \$65,772 per shipment

D. Special Nuclear Material Surcharge: \$11.888 per gram

E. Large components: See Note D under Section 4, below.

F. Atlantic Compact Administrative Surcharge: \$6 per cubic foot on all waste



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3. **MINIMUM CHARGES** Specific waste types are subject to the following minimum charges per shipment. If the disposal charge for a shipment as calculated in Sections 1 and 2 above is less than the minimum charge provided below, then the minimum charges below will be assessed in lieu of the calculated rate:

Processed and unprocessed resins and filters, Class B or C (Note F)	\$2,650 per cubic foot
Processed and unprocessed resins and filters, Class A (Note F)	\$386 per cubic foot
Sealed sources	\$1,870 per cubic foot

4. NOTES

- A. Surcharges for the extended care fund and decommissioning trust fund are included in the disposal rates.
- B. All radioactive waste shall be packaged in accordance with Department of Transportation and Nuclear Regulatory Commission Regulations in Title 49 and Title 10 of the Code of Federal Regulations, Chem-Nuclear Systems, L.L.C.'s South Carolina Radioactive Material Licenses, Chem-Nuclear Systems, L.L.C.'s Barnwell Site Disposal Criteria, and amendments thereto.
- C. Irradiated hardware: As a general rule, billing as irradiated hardware pertains to shipments of exceptionally high activity that require clearing of the site and special off-loading into a slit trench. These generally include CNS3-55, TN-RAM, and other horizontally offloaded cask shipments. In addition to items of irradiated hardware, shipments considered irradiated hardware, for purposes of disposal, have included certain sealed sources and materials with exceptionally high levels of radioactivity.
- D. Large components: Special disposal rates for large components (e.g., steam generators, reactor pressure vessels, reactor coolant pumps, or items that will not fit into standard sized disposal vaults) will be provided by the South Carolina Budget and Control board on a case-by-case basis. Early in project planning, shippers are encouraged to consult with the disposal site operator on designs and configurations that may reduce handling and offloading costs at the disposal site.
- E. Millicurie surcharge: For co-mingled waste in the same shipment from different generators who are subject to this rate schedule, the millicurie charge and excess millicurie charge applies individually to each portion of waste in the shipment from each generator. (The millicurie surcharge for waste in the same shipment from generators subject to other rates will be assessed separately, according to their applicable rates.)
- F. Resins. Resins are defined as containers filled substantially with ion exchange resin, filters, and filter media and the resultant product from processing that material. Processed resins are shipments that include high density process residue (>53 lbs per cubic foot in a full container) from the treatment of ion exchange media through thermal processes.
- G. Transport vehicles with additional shielding features may be subject to an additional handling fee which will be provided upon request.
- H. In certain circumstances, the disposal site operator may assess additional charges for necessary services that are not part of and are additional to disposal rates established by the State of South Carolina. These include decontamination services and special services as described in the Barnwell Site Disposal Criteria.
- I. The disposal site operator has established the following policies and procedures which are provided herein for informational purposes:
- J. Terms of payment are net 30 days upon presentation of invoices. A per-month service charge of one and one-half percent (1½%) shall be levied on accounts not paid within thirty (30) days.
- K. Company purchase orders or a written letter of authorization in form and substance acceptable to CNS shall be received before receipt of radioactive waste material at the Barnwell Disposal Site and shall refer to CNS Radioactive Material License, the Barnwell Site Disposal Criteria and subsequent changes thereto.
- L. All shipments shall receive a CNS shipment identification number and conform to the Prior Notification Plan.